



User Manual



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INTRODUCTORY INFORMATION

CONVENTIONS

This guide uses the following conventions to convey instructions and information:



A warning calls for attention to a situation that can result in physical harm to the user or equipment.



A note calls for attention to an important item in the text.

CE COMPLIANCE

CE 0470

DECLARATION OF CONFORMITY

Harbour Technologies Medical Systems (1998) Ltd hereby declares that the Xavier 2.0 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity may be obtained from Harbour Technologies Corporation



Within the European Union the product must be taken to separate collection at the product end of life. Do not dispose of this device as unsorted municipal waste.

FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC ID: VZU-XAVIER 2.0

IC (INDUSTRY CANADA) COMPLIANCE

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC: 6931A-XAVIER 2.0

SAR STATEMENT (EU)

Specific Absorption Rate (SAR) is a value that corresponds to the relative amount of RF energy absorbed by the user of a wireless phone. Xavier 2.0™ is designed and manufactured so as not to exceed the emission limits for exposure to radio frequency (RF) energy set by international standards. These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The SAR tests for the Xavier 2.0 were conducted with the device transmitting at its highest power level in all tested frequency bands.

The SAR limit is 2.0 watts/kilogram (W/kg). The highest SAR value of the Xavier 2.0 is 0.693 W/kg.

GENERAL NOTES



The Xavier 2.0 is NOT a medical device

The Xavier 2.0 must NOT TO BE SOLD and USED in Norway

SAFETY INFORMATION

To ensure safety and to maintain the Xavier 2.0 in good working condition, please read and follow these rules:



SWITCH ON SAFETY

Do not switch the Xavier 2.0 on where wireless phone use is prohibited or when it may cause interference or danger.



ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



SWITCH OFF IN HOSPITALS

When in a hospital or any other health care facility, observe the restrictions on the use of mobile phones. Switch the Xavier 2.0 off if instructed to do so by the guidelines posted in sensitive areas. Medical equipment may be sensitive to RF energy.



MEDICAL EQUIPMENT

The operation of cardiac pacemakers, other implanted medical equipment and hearing aids can be affected by interference from the Xavier 2.0 when placed close to the device. If in doubt about potential danger, contact your physician to verify that the equipment is properly shielded. Pacemaker patients are advised to keep their Xavier 2.0 away from the pacemaker while it is on.



SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.



SWITCH OFF WHEN REFUELING

Do not use the Xavier 2.0 at a refueling point. Do not use near fuel or chemicals.



SWITCH OFF NEAR BLASTING

Do not operate the Xavier 2.0 in the presence of flammable gases or fumes. Switch off the Xavier 2.0 when you are near petrol stations, fuel depots, chemical plants or where blasting operations are in progress. Operation of any electrical equipment in potentially explosive atmospheres can constitute a safety hazard.



RADIO INTERFERENCE

Your Xavier 2.0 receives and transmits radio frequency energy while switched on. Remember that interference can occur if it is used close to TV sets, radios, computers or inadequately shielded equipment.

Follow any special regulations and always switch off the Xavier 2.0 wherever prohibited or when you suspect that it may cause interference or danger.



INTERFERENCE

All wireless devices may be susceptible to interference, which could affect performance.



WATER-RESISTANCE

Your Xavier 2.0 is not water-resistant. Keep it dry.



ENVIRONMENT

Never leave the Xavier 2.0 exposed to direct sunlight or in environments with high humidity or dust levels.



CLEANING

Do not use liquids or strong detergents to clean the Xavier 2.0. Follow the cleaning instructions given hereunder in this guide.



QUALIFIED SERVICE

Only qualified personnel may install or repair the Xavier 2.0. Battery and SIM card replacement must be executed only by an authorized service facility.

Never attempt to disassemble the Xavier 2.0 by yourself. Contact an authorized service facility in case of malfunctions or any other problems.



EMERGENCY CALLS

The Xavier 2.0 operates using radio signals and cellular networks that cannot be guaranteed to connect in all conditions. Therefore, you should never rely solely upon any wireless device for essential communication, for example emergency calls.

In order to make or receive calls, the Xavier 2.0 must be switched on, its battery charged and in a service area with adequate cellular signal strength.



AGE

Xavier 2.0 is not recommended for children under the age of 3.

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Document Control: 1.0

XAVIER 2.0 AND ACCESSORIES DESCRIPTION

XAVIER 2.0 OVERVIEW

The Xavier 2.0™ (“Xavier 2.0”) is a small wearable wireless communication device that lets you stay in touch anytime, anywhere. You do not have to dial a number to establish contact. All you have to do is press a single button and you are able to contact people who may help you in case of need.

Xavier 2.0 has a built-in GPS receiver to allow locating your position. The position data is automatically sent to a secured website.

Authorized people will be able to locate your position on an interactive map displayed on that website.

One can limit the permissible zone of movement (Geofencing). Any violation of the defined limits will be automatically reported via an SMS to a selected cellular phone or a pre defined email address and will clearly show on the map.

The Xavier 2.0 is designed for use on quad band GSM networks (850/900/1800/1900).

With Xavier 2.0 you can:

1. Contact a safety number by pressing a single button. When pressing the safety button – your location will be automatically detected.
2. Initiate a call to a safety number even when the device is turned off.
3. Send current position via SMS or GPRS.
4. Receive a sound notification if you left the predefined zone or returned to it. Your authorized relatives will receive the

appropriate SMS and email notifications to locate your position via website including driving instructions to that location.

5. Contact up to 3 additional phone numbers with a single touch of a button (speed dialing).
6. Send preset text messages to the speed dialing numbers.
7. Receive calls from anyone or limit the Xavier 2.0 to receive phone calls only from authorized callers (up to 10 contacts).
8. Use Xavier 2.0 in silent mode (without speaker activation). The other party can listen in to the Xavier 2.0 environment.
9. Use the Internet to remotely configure the Xavier 2.0.
10. Configure the Xavier 2.0 to answer automatically or manually.
11. Wear the Xavier 2.0 on your wrist or your neck.

This guide explains how to use Xavier 2.0 and make the most of its features.

XAVIER 2.0 LAYOUT

The following figure shows the Xavier 2.0's layout:



Connecting the Xavier 2.0 Accessories

The Xavier 2.0 comes with a choice of two straps for wearing the device: a wrist strap or a lanyard (neck strap).

WRIST STRAP

Wear the Xavier 2.0 on your right or left wrist at your convenience (the same way that you wear a wrist watch).

To replace or remove the wrist strap from Xavier 2.0, proceed as follows:

1. Position the Xavier 2.0 on its front panel with the rear panel facing towards you.
2. Use a tool (e.g. tweezers) to hold the spring on one of its sides and press it toward the other side so that the spring exits the hole.
3. Bend the wrist strap and free one side of the spring. Then free the other side of the spring from the strap. Take care during this step not to lose the spring.
4. Repeat the same steps for the other wrist strap.

To install the strap again, simply repeat the actions in reverse order.



NOTE

Keep the two springs in a safe place for future installation of the wrist strap.

LANYARD (NECK STRAP)

Disconnect the wrist strap and connect the lanyard through the hole in the rear panel of the Xavier 2.0





XAVIER 2.0 OPERATION

TURNING THE XAVIER 2.0 ON



NOTE

Before using the Xavier 2.0 for the first time, charge the battery for at least 2 hours.

Always make sure the Xavier 2.0 is charged prior to turning it on.

(See Charging the Battery on page 38)

Follow these steps to turn the Xavier 2.0 ON:

1. Press and hold the Power button  for at least 1 second.



2. A beep will sound.

3. Xavier 2.0 turns on and the green LED flashes every second.
4. After about 30-40 seconds, the Xavier 2.0 connects to the network and the green LED flashes every 5 seconds, indicating normal standby operation.



If the Xavier 2.0 failed to connect to the network, emergency dialing is enabled by pressing the Safety Call button. See Making A Safety Call Without A SIM Card on page 29 for more details.

TURNING THE XAVIER 2.0 OFF

Follow these steps to turn the Xavier 2.0 OFF:

1. Press and hold the Power button  for at least 2 seconds.



2. A beep will sound.
3. Green and orange LEDs light continuously.
4. Wait for a few seconds. The Xavier 2.0 turns off, indicated by both LEDs turning off.

XAVIER 2.0 INDICATIONS

The Xavier 2.0's current status is indicated by the green and orange LEDs on its top panel.

The following are the different indications:



Status	Indication
Turned on (Searching for the network)	Green LED flashes every second for 30-40 seconds.
Standby (connected to the network)	Green LED flashes every 5 seconds.
Voice call (outgoing and incoming)	Green and orange LEDs flash in alternating mode.
Sending SMS	Green and orange LEDs flash in alternating mode.
Buttons disabled (busy)	Green LED is on continuously.
Battery charging	Orange LED is on continuously.
Battery reaches full charge	Orange LED lights continuously with a flash every 3 seconds.
Low battery	Orange LED flashes every 5 seconds.
Turn off	Green and orange LEDs light continuously until the Xavier 2.0 turns off.

In addition, when the sound beeps are enabled (see Sounds on page 53) a beep will sound in the following conditions:

1. When pressing any dialing button.
2. At the end of a conversation.
3. After sending a text message (SMS).
4. When plugging or unplugging the charger.
5. When the device is being remotely updated.
6. When leaving or returning to the Geo-Fence zone (5 beeps).

MAKING A SAFETY CALL

Follow these steps to initiate a Safety Call:

1. Press and hold the Safety Call  button until a beep is heard. Xavier 2.0 sounds a ring tone and the green and orange LEDs flash in alternating mode.



2. Xavier 2.0 calls the first preset safety number. If there is no answer, Xavier 2.0 will try to call the next stored number (up to 4 numbers can be preset, see Safety Call Button Settings on page 49) in sequence until there is an answer.
3. The user can cancel the process at any time by pressing the Disconnect button .
4. Wait for the other party to answer the phone call.
5. When the call is answered, the ring tone will stop. Listen to the other party and speak into the microphone.

6. If the call is answered by an automatic answering machine or automatic answering service, you may press the Safety Call button  again to cancel the current call and to call the next stored number in sequence.
7. The location will be automatically checked by the GPS and sent to the servers.

MAKING A SAFETY CALL WHEN XAVIER 2.0 IS OFF

You can initiate a Safety Call even when the Xavier 2.0 is turned off, by following these steps:

1. Press and hold the Safety Call button  for at least 1 second, until a beep is heard.
2. Xavier 2.0 turns on and the green LED flashes every second.
3. After about 20-30 seconds, the Xavier 2.0 connects to the network and the green LED flashes every 5 seconds indicating normal standby operation.
4. Xavier 2.0 sounds a ring tone and the green and orange LEDs flash in alternating mode.



5. Xavier 2.0 calls the first preset safety number. If there is no answer, Xavier 2.0 will try to call the next stored number (up to 4

numbers can be preset, see Safety Call Button Settings on page 49) in sequence until there is an answer.

6. The user can cancel the process at any time by pressing the Disconnect button .

7. Wait for the other party to answer the phone call.

8. When the call is answered, the ring tone will stop. Listen to the other party and speak into the microphone.

9. If the call is answered by an automatic answering machine or automatic answering service, you may press the Safety Call button  again to cancel the current call and to call the next stored number in sequence.

10. The location will be automatically checked by the GPS and sent to the servers.

MAKING A SILENT SAFETY CALL

When **Silent Mode** is enabled (see Safety Call Button Settings on page 49) Safety Calls will be dialed without any sound from the Xavier 2.0.

Follow these steps to initiate a Silent Safety Call:

1. Press and hold the Safety Call button .



2. Xavier 2.0 does not sound any ring tone. The green and orange LEDs flash intermittently every second.
3. Xavier 2.0 calls the first preset safety number. If there is no answer, Xavier 2.0 tries to call the next stored number (up to 4 numbers can be preset, see Safety Call Button Settings on page 49) in sequence until there is an answer.
4. The user can cancel the process at any time by pressing the Disconnect button .

5. The location will be automatically checked by the GPS and sent to the servers.

MAKING A SAFETY CALL WITHOUT A SIM CARD

If the SIM card is not present, not installed correctly or blocked, pressing the Safety Call button will dial the national emergency number.

The emergency number for GSM 900/1800 frequency bands is 112, in GSM 850/1900 networks 911. The availability of emergency numbers depends on the services offered by the provider according to national regulations.

MAKING AN OUTGOING CALL

You can make calls to up to 3 preset numbers by pressing the speed dial buttons.

For instructions on how to store the numbers, see on page 48.

1. Press and hold one of the speed dial buttons    until a beep is heard. Xavier 2.0 sounds a ring tone and starts dialing. The green and orange LEDs will flash in alternating mode.



2. Wait for the other party to answer the phone call.
3. Listen to the other party and speak into the microphone.

ENDING A CALL

At any time, you can hang up by momentarily pressing the Disconnect button .



The voice call is also terminated if the other party hangs up.

At the end of the call a beep is emitted.

After the call ends, the green LED flashes every 5 seconds indicating normal standby operation.

ADJUSTING THE SPEAKER VOLUME

During voice conversations, the left and right speed dialing buttons function as volume controls.

During a call you can increase or decrease the speaker volume by pressing the volume up  or volume down  buttons respectively.



MUTE MODE

During voice conversations, the middle speed dialing button functions as speaker mute control. At any time during the call you can mute the speaker by pressing the Mute button **2**.

In Mute mode the speaker is muted, resulting in a one-way conversation from the Xavier 2.0 to the other party.



Mute mode is not active during a Safety Call (when the call was initiated by pressing the Safety Call button)



Pressing the Mute button **2** again or pressing any of the volume control buttons will cancel the Mute mode.

SENDING A TEXT MESSAGE (SMS)

You can send pre - stored text messages (SMS) to up to 3 predefined numbers by pressing the speed dialing buttons.

For instructions on how to store the numbers and the text, see Speed Dialing Buttons Settings on page 48.

1. Press and hold one of the speed dial buttons until a beep is heard .



2. The green and orange LED flash in alternating mode while the message is being sent.
3. After the message has been sent a beep is emitted.

RECEIVING INCOMING PHONE CALLS

The Xavier 2.0 can receive incoming phone calls.

Answering incoming calls can be preset to automatic or manual. For instructions on how to preset the answering mode, see Answering Mode on page 52.

The Xavier 2.0 can also be preset to answer all incoming calls or only those from authorized phone numbers. If set to answer only calls from authorized phone numbers, the Xavier 2.0 will ignore calls from non authorized phone numbers. For instructions on how to preset authorized incoming calls see Presetting Authorized Incoming Calls on page 51.

TO RECEIVE A CALL:

1. When there is an incoming phone call, the green and orange LEDs will flash in alternating mode. The Xavier 2.0 also generates an incoming call indication (ring) as predefined (see Incoming calls Indication on page 52).
2. In case that the Xavier 2.0 has been preset to Auto Answer mode, the call will be answered automatically after two rings.
3. In case that the Xavier 2.0 has been preset to Manual Answer mode, you can answer the call by pressing the Answer button .



4. Listen to the other party and speak into the microphone.

GPS

The Xavier 2.0 has a built-in GPS receiver with omni-directional high sensitivity GPS antenna that can receive GPS signals from all direction.

Once the GPS is activated it will locate its position (longitude and latitude coordinates), speed and direction.

The GPS position data is send from the Xavier 2.0 to:

1. Cell phone by SMS (short message service) or;
2. Internet website by GPRS

Whenever you press the Safety Call button  to generate a Safety Call, the GPS is activated in the background to get the position and send the position data.

The GPS can also be activated remotely (by sending GPS activation SMS to your Xavier 2.0). In this case, the GPS will also sends its position data.



In order for the GPS to acquire location accurately or to acquire location at all, the Xavier 2.0 must be in the open.

If the Xavier 2.0 is not under the open (for example, near buildings, or on balcony) the position data might not be accurate.

CHARGING THE BATTERY

A rechargeable battery that must be charged periodically powers the Xavier 2.0.



Before using the Xavier 2.0 for the first time, charge the battery for at least 2 hours.

WHEN SHOULD I CHARGE THE BATTERY?

When the battery is low, the orange LED flashes every 5 seconds and a beep sounds every 5 minutes. When this occurs, charge the battery as soon as possible.

It is recommended to charge the battery every day in order to maintain maximum performance.

TO CHARGE THE BATTERY:

1. Connect the supplied charger to the wall outlet and then to the Xavier 2.0 charger connector.

The orange LED lights continuously.



2. When the battery becomes fully charged the orange LED lights continuously and flashes every 3 seconds.
3. Disconnect the charger from the device, then from the wall outlet.



- Do not connect the Xavier 2.0 to the charger while the Xavier 2.0 is worn on the body.
- Do not charge the battery with a charger other than the one supplied with the Xavier 2.0.
- The use of any other charger may cause permanent damage to the Xavier 2.0.
- Do not connect the Xavier 2.0 charger to any other device except to the Xavier 2.0.



The socket-outlet for the direct plug-in AC/DC adapter should be installed near the equipment and should be easily accessible.

BATTERY INFORMATION

A rechargeable battery powers the Xavier 2.0. The battery can be charged and discharged hundreds of times but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, the battery should be replaced.

Unplug the charger from the wall outlet and from the Xavier 2.0 when not in use. Do not leave Xavier 2.0 with a fully charged battery connected to the charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery). Short - circuiting the terminals may damage the battery or the connecting object.

Leaving the Xavier 2.0 in hot or cold places such as in closed cars in summer or winter conditions will reduce the capacity and lifetime of the battery. Always try to keep the Xavier 2.0 between

15°C and 25°C. A device with hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Do not dismantle, open, or shred cells or batteries. In the event of battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of leak or a hazard seek medical help immediately.



TO REPLACE THE BATTERY PLEASE CONTACT A XAVIER
2.0 AUTHORIZED SERVICE FACILITY.

NO ATTEMPT SHOULD BE MADE TO OPEN THE XAVIER
2.0 OR TO REPLACE THE BATTERY BY YOURSELF OR
THIS MAY VOID YOUR WARRANTY.

CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE

XAVIER 2.0 SETUP VIA THE INTERNET

Your Xavier 2.0 service provider may provide you with a website address for configuring or updating your Xavier 2.0 settings remotely on line.

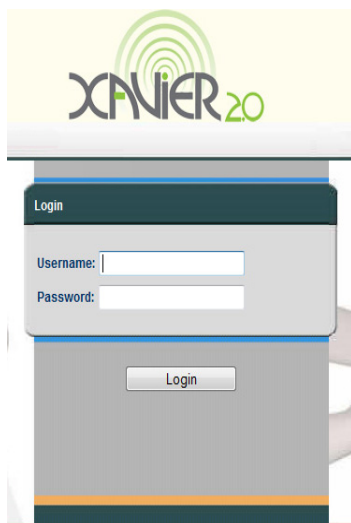


Prior to submitting configuration or changes make sure that the Xavier 2.0 is turned ON and has network connection (green LED flashes every 5 seconds).

When the Xavier 2.0 is being updated beep(s) will be emitted.

XAVIER 2.0 LOGIN

Access the Xavier 2.0 website. The Xavier 2.0 Login window is displayed as shown below:



1.



NOTE

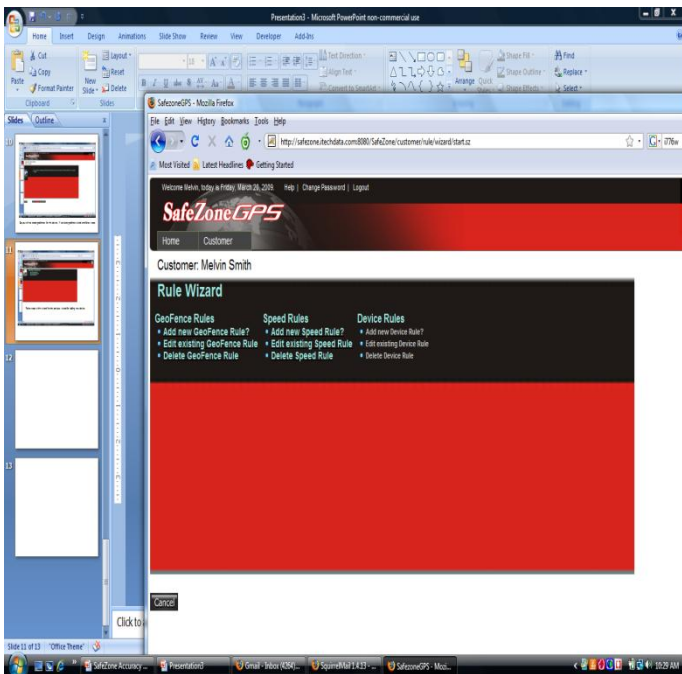
The actual website may appear different than the pictures in this document, depending on your service provider.

Enter your user name and password as received from your provider upon purchase.

Click the **Login** button.

DEVICE SETUP

The device setup page appears as shown below.



NOTIFICATION PREFERENCE

The screenshot shows a web browser window with the URL <http://safegps.techdata.com/330/SafeZone/customer/notificationPreference/wizard/steps1.cs>. The page header includes the SafeZoneGPS logo and a user profile for Melvin Smith. The main content area is titled "Notification Preference Wizard" and contains a form for setting notification preferences.

Welcome Melvin, today is Friday, March 20, 2009 Help | Change Password | Logout

SafeZoneGPS

Home Customer

Customer: Melvin Smith

Notification Preference Wizard

Name of the person or party to notify:

Current Notification Preferences

Alert Category	Name	Message	Actions
Hardware Alert	Justin	HW Alert	
Geofence Alert	preference	preference	
Speed Alert	Speed Alert	Excessive Speed	

Page 1 of 1

Deploying notifications 1 - 3 of 3

* For email preference, the name is used for the email subject.

Cancel Next

Taskbar: Done, SafeZone Accuracy, Presentation3, Gmail - John (K...), SquidMail 1.4.13, SafeZoneGPS - Mail, TrayProxy Disabled, 10:34 AM

SPEED DIALING BUTTONS SETTINGS

To configure outgoing call settings:

1. Fill in the telephone numbers in the Tel field. For a number with internal extension – fill in the extension number in the Ext field.



2. To specify that a button should make a voice call, select the radio button: **Call only**.
3. To specify that a button should send text message (SMS) only, select the radio button: **SMS only**.
4. To specify that a button should make a voice call first and then send a text message in case the voice call failed, select the radio button: **Call or SMS**.
5. To make the key unusable select the **Disable** check box.



Text messages can be received only by phones that support SMS services.

SAFETY CALL BUTTON SETTINGS

Fill in the desired safety telephone numbers (up to four numbers) and the extensions (optional).

Safety Call Button

Tel #1:		Ext:	
Tel #2:		Ext:	
Tel #3:		Ext:	
Tel #4:		Ext:	

☐ **Silent mode**

Select the **Silent mode** check box to enable making silent safety calls (see Making a Silent Safety Call on page 28).



Some service providers will not allow you to change the Safety Call button designation. In this case the Safety Call Button information will not be displayed.

DEFINING ALERTS

The Xavier 2.0 can send preset text (SMS) alerts in various events.

Alert Setup		
☐ Enable SMS alert on Safety Call:		To Phone:
☐ Enable SMS alert on low battery:		To Phone:
☐ Enable SMS alert on Power on:		To Phone:
☐ Enable SMS alert on Power off:		To Phone:

For the Xavier 2.0 to send an alert while the Safety button is pressed:

1. Select the **Enable SMS alert on Safety Call** check box.
2. Compose the text to be sent in the text field (up to 30 characters).
3. Update the destination mobile number in the **To Phone** field.

For the Xavier 2.0 to send an alert when the battery is low:

1. Select the **Enable SMS alert on low battery** check box.
2. Compose the text to be sent in the text field (up to 30 characters).
3. Update the destination mobile number in the **To Phone** field.

For the Xavier 2.0 to send an alert when turning the device on:

1. Select the **Enable SMS alert on Power on** check box.
2. Compose the text to be sent in the text field (up to 30 characters).
3. Update the destination mobile number in the **To Phone** field.

For the Xavier 2.0 to send an alert when turning the device off:

1. Select the **Enable SMS alert on Power off** check box.
2. Compose the text to be sent in the text field (up to 30 characters).

3. Update the destination mobile number in the **To Phone** field.

PRESETTING AUTHORIZED INCOMING CALLS

To preset authorized incoming phone numbers, select the check box **Answer authorized numbers only**.

Enter up to 10 authorized numbers.

To authorize any phone number to call your Xavier 2.0, verify that the check box **Answer authorized numbers only** is cleared.

Authorized Incoming Numbers

Authorized #1:

Authorized #2:

Authorized #3:

Authorized #4:

Authorized #5:

Authorized #6:

Authorized #7:

Authorized #8:

Authorized #9:

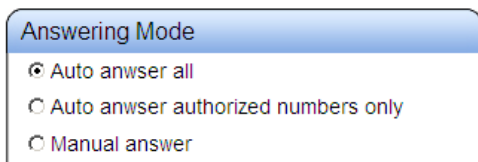
Authorized #10:

☐

Answer authorized numbers only

ANSWERING MODE

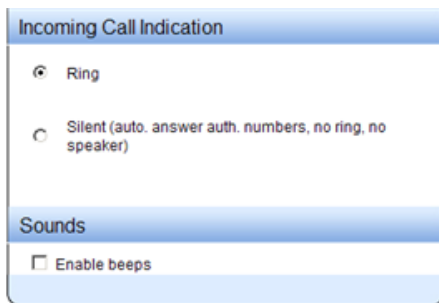
To preset the answering mode select the desired radio button.



The screenshot shows a settings window titled "Answering Mode". It contains three radio button options: "Auto answer all" (which is selected), "Auto answer authorized numbers only", and "Manual answer".

INCOMING CALLS INDICATION

To preset the incoming call indication, select the desired radio button.



The screenshot shows a settings window titled "Incoming Call Indication". It contains two radio button options: "Ring" (which is selected) and "Silent (auto. answer auth. numbers, no ring, no speaker)". Below this section is a section titled "Sounds" which contains a checkbox labeled "Enable beeps" that is currently unchecked.

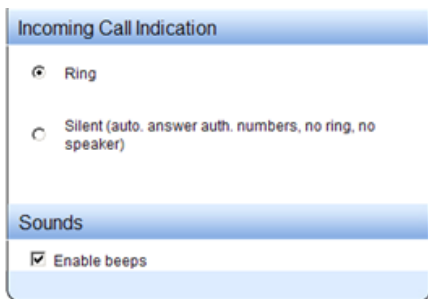


When selecting Silent, the Xavier 2.0 will automatically answer an authorized number only, with no ring tone and with a muted speaker.

See Presetting Authorized Incoming Calls on page 51.

SOUNDS

Select the **Enable beeps** check box to enable sound indications.



If **Enable beeps** is not selected no beeps will be sound when pressing dialing buttons.

UPDATE SETTINGS

After presetting the desired functions, click the **Update All** button (at the bottom of the page) to update the Xavier 2.0.

After the Xavier 2.0 is updated, a summary such as the following will be displayed.

SKeeper Updates	
Left Button	Update successfully
Center Button	Not Changed
Right Button	Update successfully
Authorized Numbers	Not Changed
Power-Off Alert	Not Changed
Power-On Alert	Update successfully
Safety Call Alert	Not Changed
Low Battery Alert	Update successfully
Safety Button	Update successfully

Thank you for using SKeeper. You can return to the [[update page](#)]



NOTE

1. When the Xavier 2.0 receives an update command a beep will be heard.
2. Depending on the settings, a few updates may be sent simultaneously, generating several beep sounds.
3. Please verify that Xavier 2.0 was correctly updated by performing trial calls and test of functionality.
4. In particular, it is highly recommended to test the settings of the Safety Call button after each device setup.

CARE AND MAINTENANCE

CARING FOR YOUR XAVIER 2.0

Your Xavier 2.0 is a high quality sensitive product and should be treated with care. To promote the continued operation of your Xavier 2.0, make sure to follow the directions below.

1. Use only a soft, clean, dry cloth to clean the device.
2. Keep the Xavier 2.0 dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your Xavier 2.0 does get wet, turn it off and allow it to dry completely before turning it on.
3. Do not use or store the Xavier 2.0 in a dusty, dirty area. Its moving parts and electronic components can be damaged.
4. Do not store the Xavier 2.0 in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
5. Do not store the Xavier 2.0 in cold areas. When the Xavier 2.0 returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
6. Do not attempt to open the Xavier 2.0.
7. Do not drop, knock, or shake the Xavier 2.0. Rough handling can break internal circuit boards and fine mechanics.

8. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
9. Use a soft, clean, dry cloth to clean the device.
10. Use chargers indoors.
11. Turn the Xavier 2.0 off before storage.

TROUBLESHOOTING

Symptom

After turning the Xavier 2.0 on, a continuous beep (2 seconds) sounds and the Xavier 2.0 turns off.

Problem

Internal hardware problem.

Possible solution

Give the Xavier 2.0 to authorized service facility.

Symptom

After turning the Xavier 2.0 on, the Xavier 2.0 turns off.

Problem

Battery is empty.

Possible solution

Charge the Xavier 2.0 for at least two hours.

Symptom

After turning the Xavier 2.0 on, the green LED flashes every second for more than 45 seconds and does not enter standby mode (green LED flashes every 5 seconds).

Problem

The Xavier 2.0 failed to connect to the network.

Possible solution

1. No network coverage. Change location and retry.
2. SIM card problem (not present, not installed correctly or blocked). Give the Xavier 2.0 to authorized service facility.

Symptom

The Xavier 2.0 does not operate (no incoming or outgoing calls) and the LEDs flash or light in an unexpected pattern (see Xavier 2.0 Indications on page 21).

Problem

Undefined error.

Possible solution

Turn the Xavier 2.0 off, wait for 1 minute and turn it on again. If the Xavier 2.0 still does not function, turn it off and give it to a Xavier 2.0 authorized service facility.

LIMITED WARRANTY

Harbour Technologies Corporation (“Harbour Technologies”) warrants that the Xavier 2.0™ (“the Product”) is free from defects in material and workmanship that result in failure during normal usage, according to the following terms and conditions:

1. The limited warranty for the Product is for one (1) year beginning on the date of purchase.
2. The limited warranty for the battery, straps and accessories is for six (6) months beginning on the date of purchase.
3. Never attempt to disassemble the Product by yourself. Contact an authorized service facility if malfunctions or other problems occur.
4. Battery and SIM card replacement must only be performed by an authorized service facility.
5. This limited warranty will be void if the Product has been damaged by accident, or has been misused, abused, or altered, or if the consumer opens or disassemble the Product or if any attempt has been made to disassemble, repair or replace the Product or any part thereof, including the battery and SIM card, other than by an authorized service facility.
6. During the limited warranty period, Harbour Technologies will repair or replace, at Harbour Technologies’s sole

discretion, any defective parts, or any parts that will not properly operate for their intended use with new or refurbished replacement items if such repair or replacement is needed because of Product malfunction or failure during normal usage. No charge will be made to the consumer for any such parts or labor.

7. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts.
8. Harbour Technologies's liability under this limited warranty shall be limited to the actual cash value at the time the consumer returns the Product for repair, determined by the price paid by the consumer for the Product. Harbour Technologies shall not be liable for any other losses or damages, whether direct or indirect.
9. Upon Harbour Technologies's request, the consumer must provide proof of the date of the original purchase through a dated bill of sale or dated receipt.
10. The consumer shall bear the cost of shipping the Product to Harbour Technologies's authorized service center.
11. This warranty is in lieu of all other warranties, expressed or implied, including any implied warranty of merchantability or suitability for a particular purpose and no person is authorized to assume for Harbour Technologies any other liability in connection with the sale of this Product.

XAVIER 2.0 SPECIFICATIONS

Feature	Implementation	Value
Physical	Dimensions	67 x 48 x 19 mm
	Weight (battery included)	80 grams
Environmental	Operating Temperature	0 ÷ 45 °C
Power	Rating	5V DC, 600mA
	AC Adapter	Input: 100-240VAC, 50-60Hz, 0.2A Output: 5VDC, 1A
Battery	Type	Lithium Ion 3.7V/660mAh
	Low battery alert	LED + sound + automatic SMS*
	Charging	External charger (supplied)
User Interface	On/Off button	x 1
	Safety call button*	x 1 (Voice call or SMS)*
	Speed dialing buttons*	x 3 (Voice call or SMS)*
	Speaker	Internal
	Speaker volume control	Yes
	Microphone	Internal
	Battery/charge indicator	Orange LED + automatic SMS*
	Status indicator	Green LED
Cellular	Wireless module	Telit GE863-GPS
	Network	GSM/GPRS
	Frequency bands	850/900/1800/1900 MHz
	Antenna	Integrated
	Data communication	GPRS and SMS
GPS	GPS	SiRFstar III
	GPS Antenna	Integrated omni-directional active antenna

* These features are remotely programmable using a Web-based interface.

Specifications are subject to change without notice.